

# Integrated Risk Information System (IRIS) Public Science Meeting

June 29-30, 2016

## Benzo[a]pyrene and *tert*-Butyl Alcohol

U.S. Environmental Protection Agency  
One Potomac Yard (South Building)  
2777 South Crystal Drive, Ground Floor Conference Room  
Arlington, VA 22202

# Agenda

Wednesday, June 29, 2016

10:00 am (EDT) REGISTRATION

Welcome and Announcements

10:30 am

- Ken Olden, Director, National Center for Environmental Assessment
- Vincent Cogliano, Director, IRIS Program

### 11:00 am Benzo[a]pyrene (BaP): Dermal Slope Factor

11:00 am **Session 1: Science Topic – Determining appropriate dose-metrics for expressing absorbed BaP dose**

Introduction

- Kathleen Newhouse, IRIS Assessment Manager

Facilitated discussion of science issue with all attendees, including:

- Annette Bunge, Colorado School of Mines\*
- Richard Corley, Pacific Northwest National Laboratories\*
- Joanna Jaworska, Procter & Gamble, Brussels (via webinar)\*
- John Kissel, University of Washington\*
- Anthony Knafla, Equilibrium Environmental, Inc.\*

12:00 pm LUNCH

1:30 pm **Session 2: Science Topic – Modeling absorbed dose as a function of exposure parameters**

Introduction

- Kathleen Newhouse, IRIS Assessment Manager

Facilitated discussion of science issue with all attendees, including:

- Michèle Bouchard, University of Montreal (via webinar)\*
- Annette Bunge, Colorado School of Mines\*
- Richard Corley, Pacific Northwest National Laboratories\*
- John Kissel, University of Washington\*
- Anthony Knafla, Equilibrium Environmental, Inc.\*

3:00 BREAK

3:15 pm            **Session 3: Science Topic – Scaling absorbed dose between mouse skin and human skin**

Introduction

- Kathleen Newhouse, IRIS Assessment Manager

Facilitated discussion of science issue with all attendees, including:

- Richard Corley, Pacific Northwest National Laboratories\*
- John Kissel, University of Washington\*
- Anthony Knafl, Equilibrium Environmental, Inc.\*

4:30 pm            **Session 4: General Discussion on the BaP Dermal Slope Factor**

- Patrick Beatty, American Petroleum Institute
- Anne LeHuray, Pavement Coatings Technology Council

5:00 pm            ADJOURN DAY

\*Discussant identified by, but not representing, the National Academies of Sciences, Engineering, and Medicine.

Note: Affiliations and sponsors are self-reported.

**Thursday, June 30, 2016**

10:00 am (EDT)    REGISTRATION

10:30 am            Welcome, announcements, and webinar logistics  
                      - Vince Cogliano, Director, IRIS Program

**10:45 am            *tert*-Butyl Alcohol: Key Science Topics and Public Comments on Draft Assessment**

10:45 am            **Session 5: Science Topic – Disentangling mechanisms of kidney toxicity and carcinogenicity**

Introduction

- Janice Lee and Keith Salazar, IRIS Assessment Managers
- Facilitated discussion of science issue with all attendees, including:
- Susan Borghoff, ToxStrategies, Inc., on behalf of LyondellBasell
  - Samuel Cohen, University of Nebraska\*
  - Gordon Hard, on behalf of LyondellBasell
  - Lawrence Lash, Wayne State University\*
  - Jerrold Ward, Global VetPathology\*

12:15 pm            LUNCH

1:30 pm            **Session 6: Science Topic – Mode of action for thyroid follicular cell tumors**

Introduction

- Janice Lee and Keith Salazar, IRIS Assessment Managers
- Facilitated discussion of science issue with all attendees, including:
- Susan Borghoff, ToxStrategies, Inc., on behalf of LyondellBasell
  - James Bus, Exponent, on behalf of LyondellBasell
  - Sheue-yann Cheng, NIH/National Cancer Institute\*
  - Samuel Cohen, University of Nebraska\*
  - Jeff Fowles, Tox-Logic, LLC, on behalf of ExxonMobil
  - Thomas Rosol, Ohio State University\*
  - Jerrold Ward, Global VetPathology\*

2:45 pm            **Session 7: Public Comment Session on the draft *tert*-Butyl Alcohol assessment**

- Nancy Beck, American Chemistry Council (via webinar)
- Marcy Banton, LyondellBasell
- James Bus, Exponent, on behalf of LyondellBasell
- Fukumi Nishimaki, Japan Petroleum Energy Center

4:00 pm            ADJOURN MEETING

\*Discussant identified by, but not representing, the National Academies of Sciences, Engineering, and Medicine.

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